

MOPAC MOBILITY PROJECT



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FIRM REGISTRATION No. 754



CITY OF AUSTIN

PRELIMINARY

FOR INTERIM REVIEW ONLY. NOT FOR
PERMITTING, BIDDING, OR CONSTRUCTION.

Prepared by or under the
Direct Supervision of
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6/26/2012

MOPAC MOBILITY PROJECT

Presentation Outline

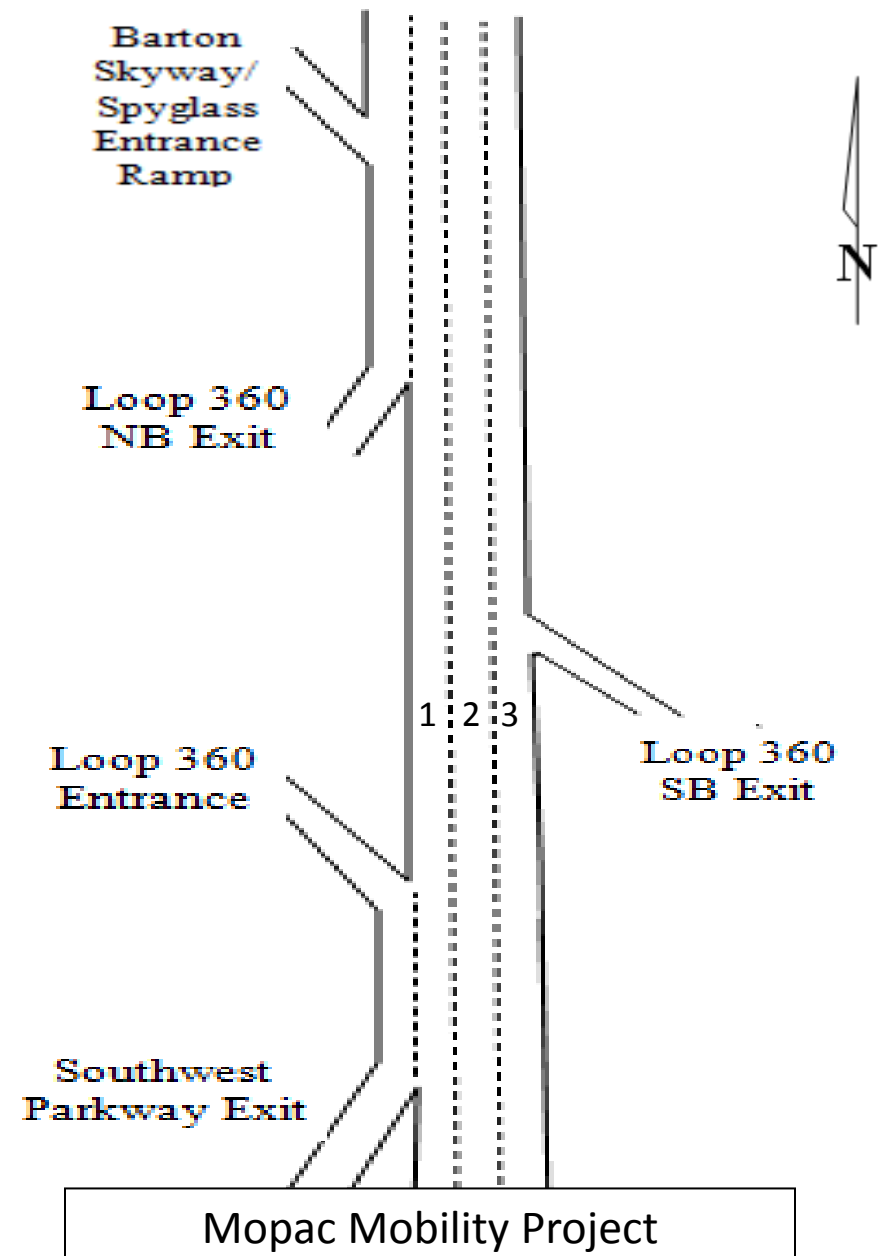
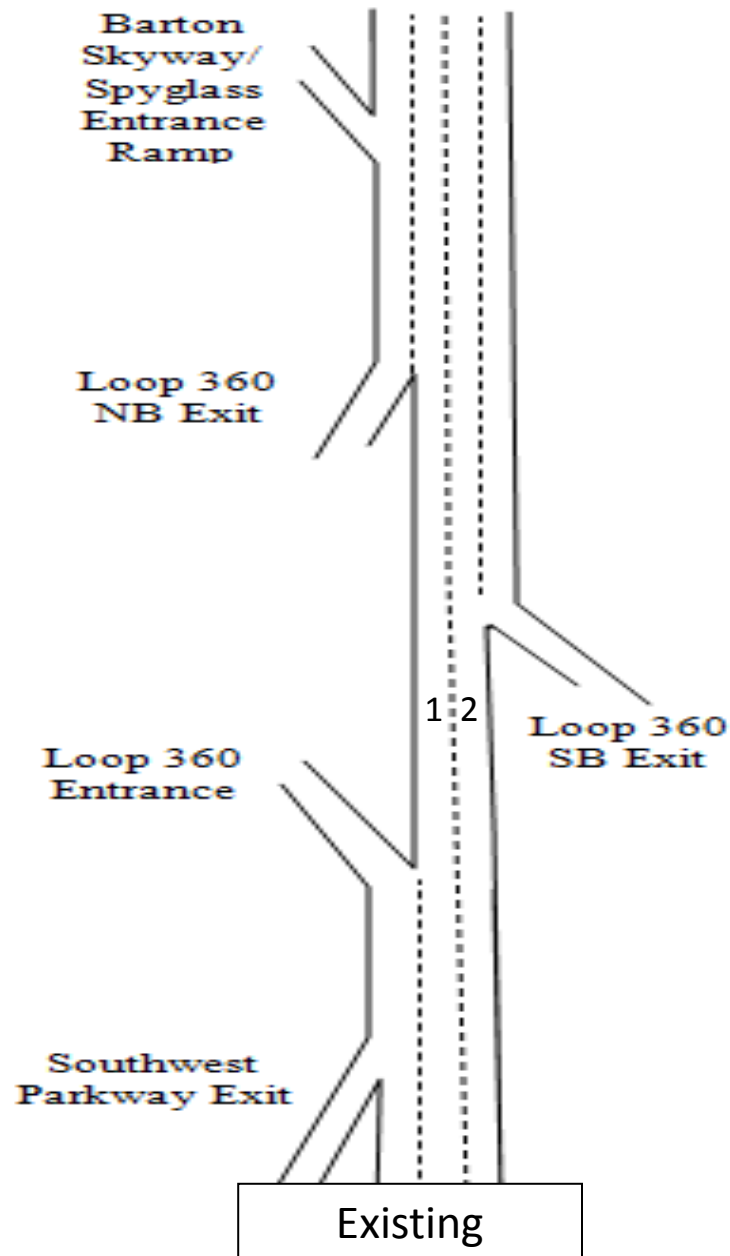
- Why is this project important?
- Project overview
- Why are we here today?

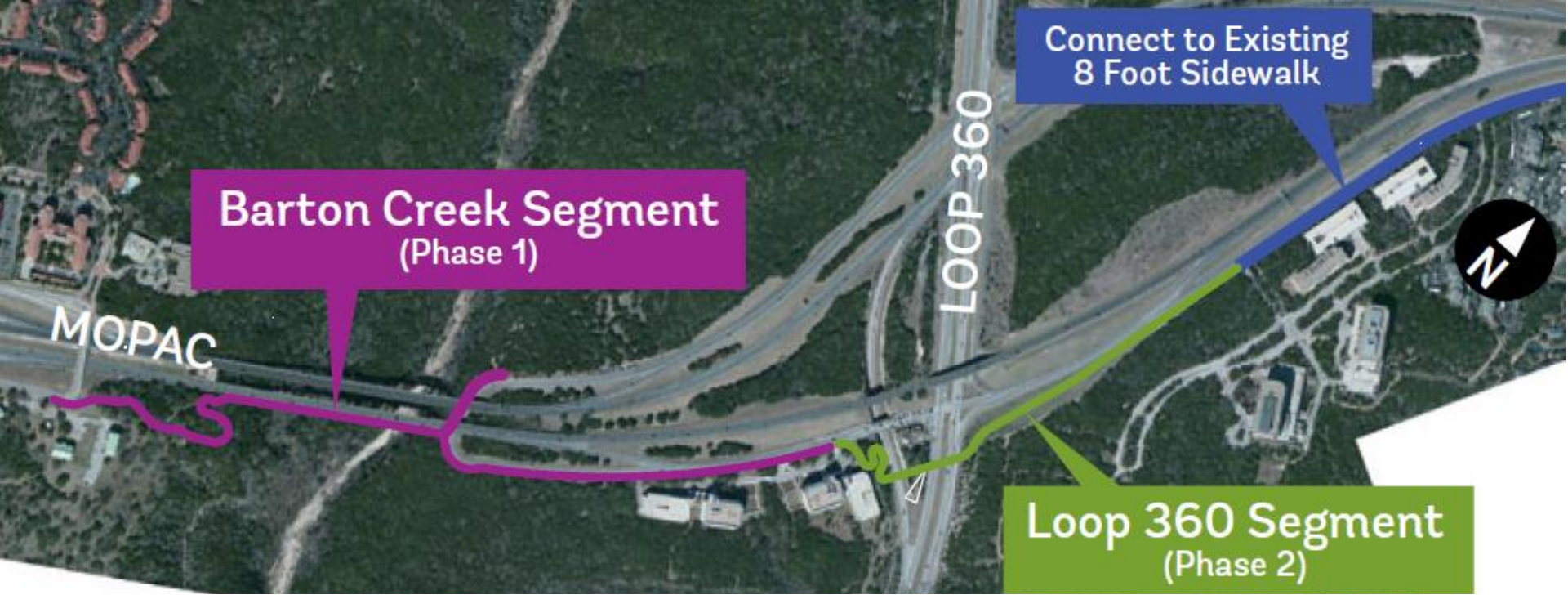
Why is this project important?

- Addresses multi-modal mobility and connectivity for the Mopac Corridor.
 - Once the pedestrian and bicycle bridge is completed Southbound Mopac will be restriped to allow three lanes of southbound traffic past Loop 360 (two exist today).
- **Reduces vehicle delay for Southbound Mopac.**
- Provides pedestrian and bicycle access to:
 - Recreational uses,
 - Commercial centers,
 - Residential uses, and
 - Major employers
- Priority project in the Austin Strategic Mobility Plan, the Urban Trails Master Plan, the Bicycle Master Plan, the Sidewalk Master Plan, and the CAMPO Transportation Improvement Program.
- Consistent with Imagine Austin.

Image: Looking northbound at Loop 360 and Mopac. The site of one of the bridges over Loop 360.

Southbound Mopac Vehicle Lanes





Barton Creek Segment (Phase 1)

Connect to Existing
8 Foot Sidewalk

Loop 360 Segment (Phase 2)

WE ARE HERE

PHASE 1

Construction
on Micropile
foundations to
begin.

Micropile foundation
completed.
Bridge columns
in progress.

Bridge columns
completed.
Installation of
bridge beams will
begin.

Installation of
bridge rail and
illumination.
Bulk of shared-
use path
completed.

Construction
substantially
completed.

PHASE 2

Construction
activities to
begin with
installation
of bridge
foundations.

Bridge
foundations
completed.
Installation of
bridge beams
to begin.

Bridge columns
and beams
completed and in
place. Retaining
walls and bridge
slab in progress.

Installation of
bridge rail and
illumination to
begin along with
concrete for the
shared-use path.

Construction
substantially
completed.

DEC '14

MAR '15

APR '15

JUNE '15

SEPT '15

DEC '15

MAR '16

PROJECT
TIMELINE



FINANCIAL SUMMARY

ITEM	PHASE 1	PHASE 2
Environmental/Design (City of Austin 2006, 2010, 2012 Bonds)	\$2,202,913	
Advanced Funding Agreement for Construction Costs	\$4,440,747 – Proposition 12 Congestion Funding- TXDOT	\$2,500,000* – Surface Transportation Program Metropolitan Mobility - CAMPO
Actual Construction Cost when bids were opened	\$7,773,016	\$2,985,697
City of Austin Contribution to Construction (2012 Bond named project)	\$3,332,269**	\$485,697
Total Project Cost	\$12,961,626	
Total City of Austin Funding	\$6,520,879	

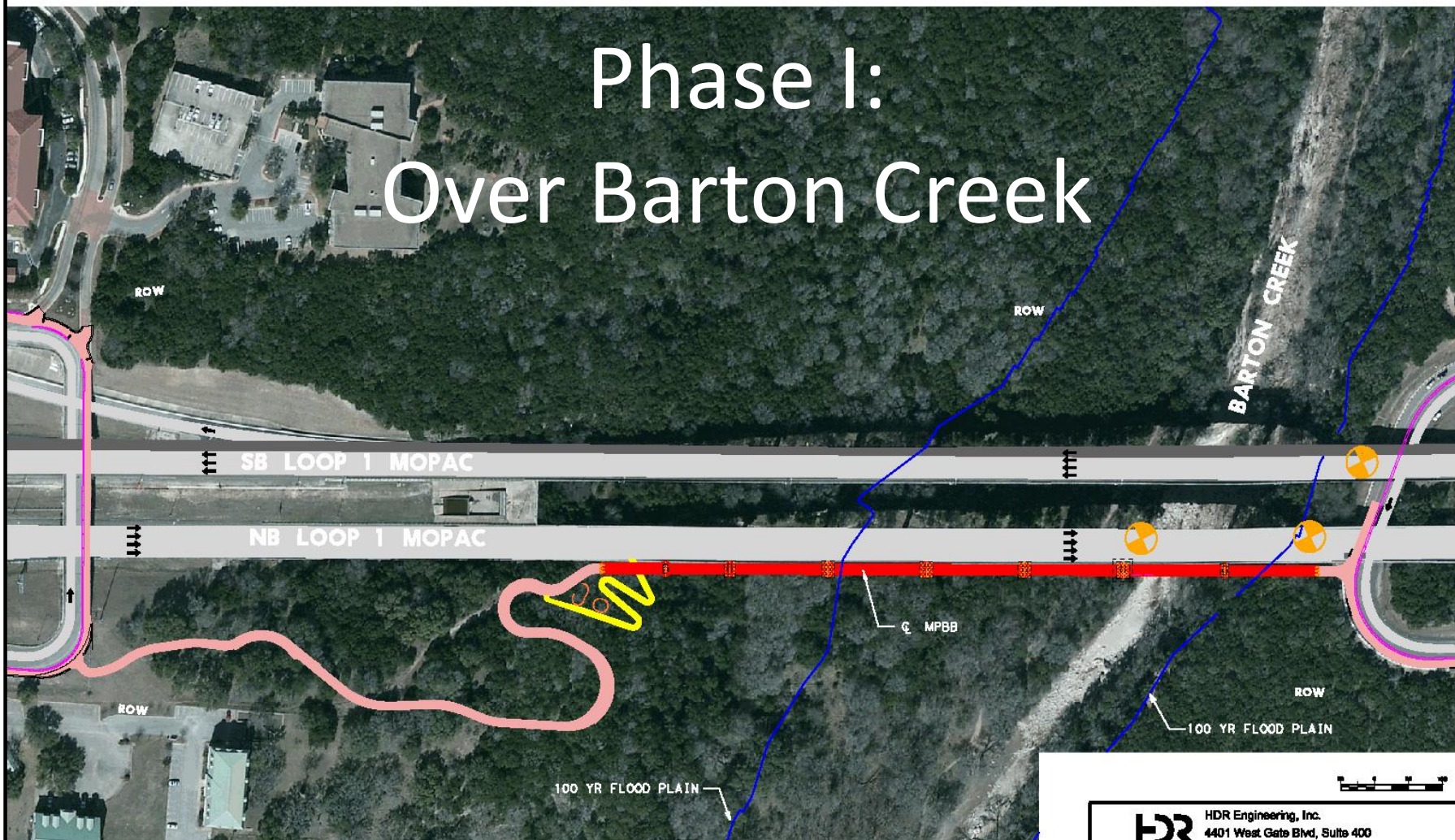
* \$500,000 of City of Austin funding included as a grant match

**City Council awards project \$4M in construction authority.

Why are we here?

- Due to unforeseen conditions, we need to increase the authority of the Mopac Mobility Project over Barton Creek.
- We are seeking a positive recommendation from the Mobility Committee to City Council for the Request for Council Action (RCA) to increase authority for this project.

Phase I: Over Barton Creek



LEGEND



EXISTING BORINGS (DATED
07-1984)

LEGEND



BICYCLE AND PEDESTRIAN TRAIL



TXDOT ROW



100YR FLOOD PLAIN



CONNECTION TO EXISTING TRAIL



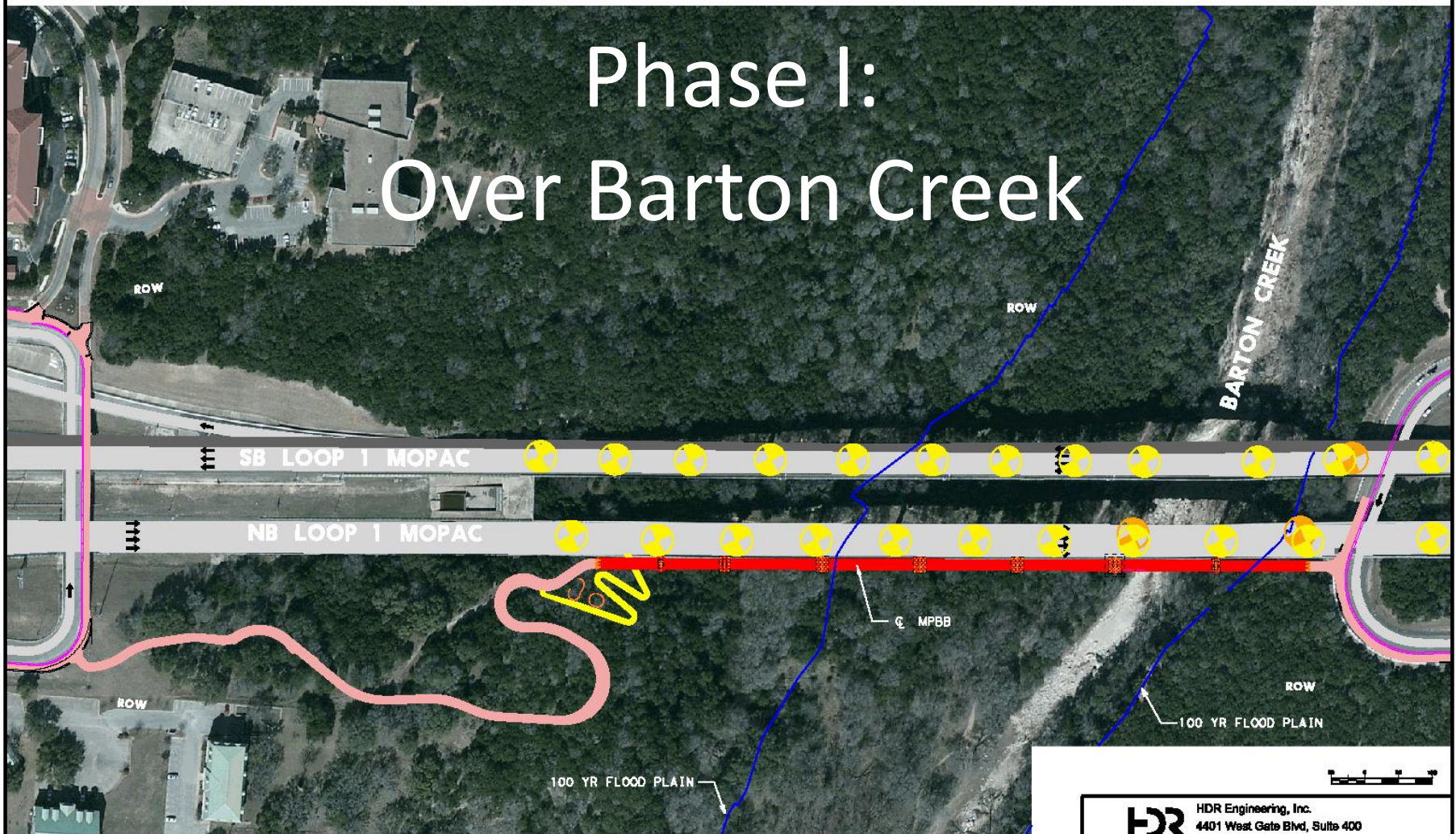
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**MOPAC BICYCLE AND
PEDESTRIAN BRIDGE
PROJECT MAP**

Phase I: Over Barton Creek



LEGEND



EXISTING BORINGS (DATED
07-1984)

EXISTING DRILLED SHAFT
RECORDS

LEGEND



BICYCLE AND PEDESTRIAN TRAIL

TXDOT ROW

100YR FLOOD PLAIN

CONNECTION TO EXISTING TRAIL



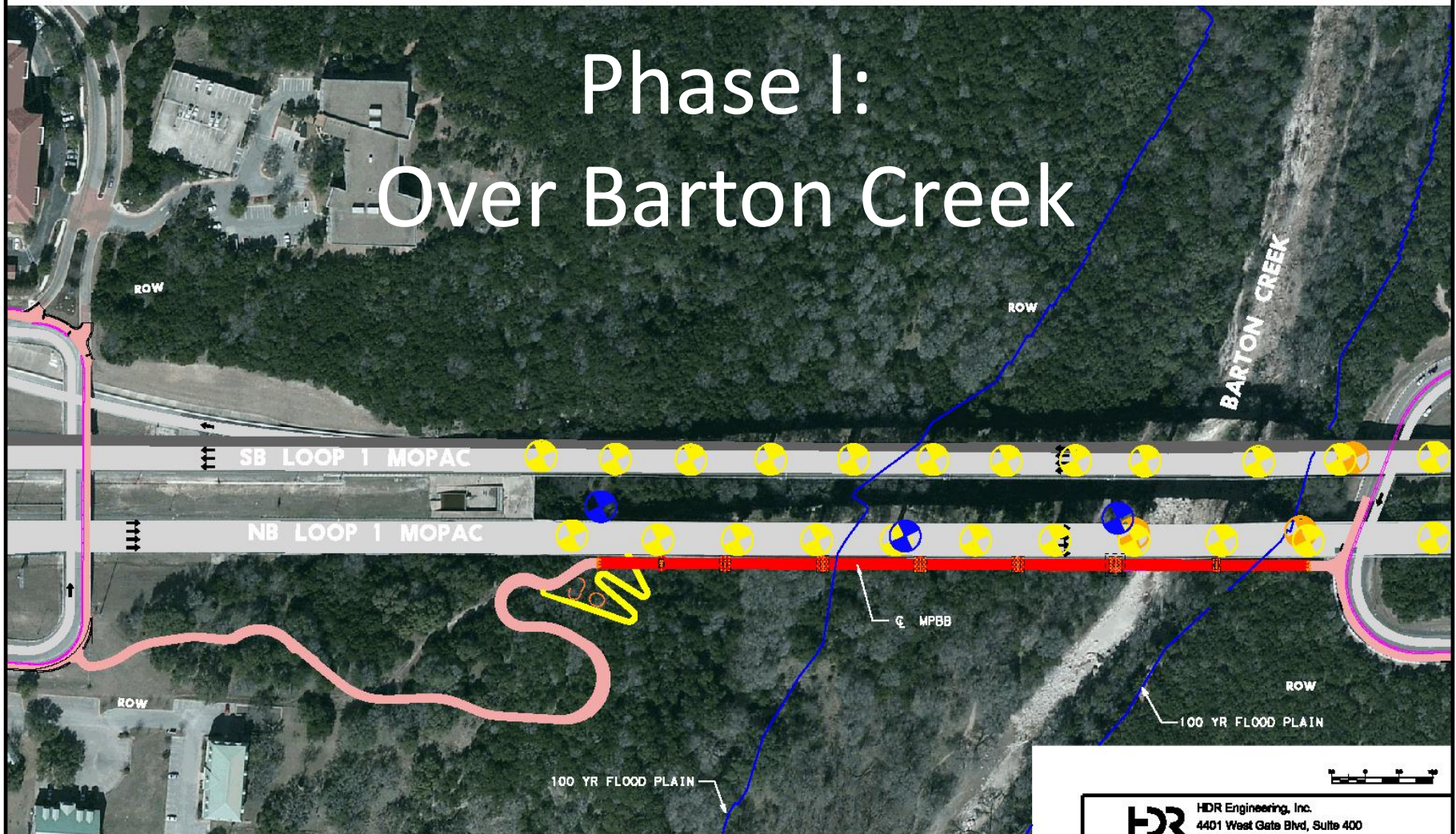
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**MOPAC BICYCLE AND
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Phase I: Over Barton Creek



LEGEND

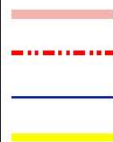


EXISTING BORINGS (DATED
07-1984)

EXISTING DRILLED SHAFT
RECORDS

NEW BORINGS (DATED 04-2012)

LEGEND



BICYCLE AND PEDESTRIAN TRAIL

TXDOT ROW

100YR FLOOD PLAIN

CONNECTION TO EXISTING TRAIL



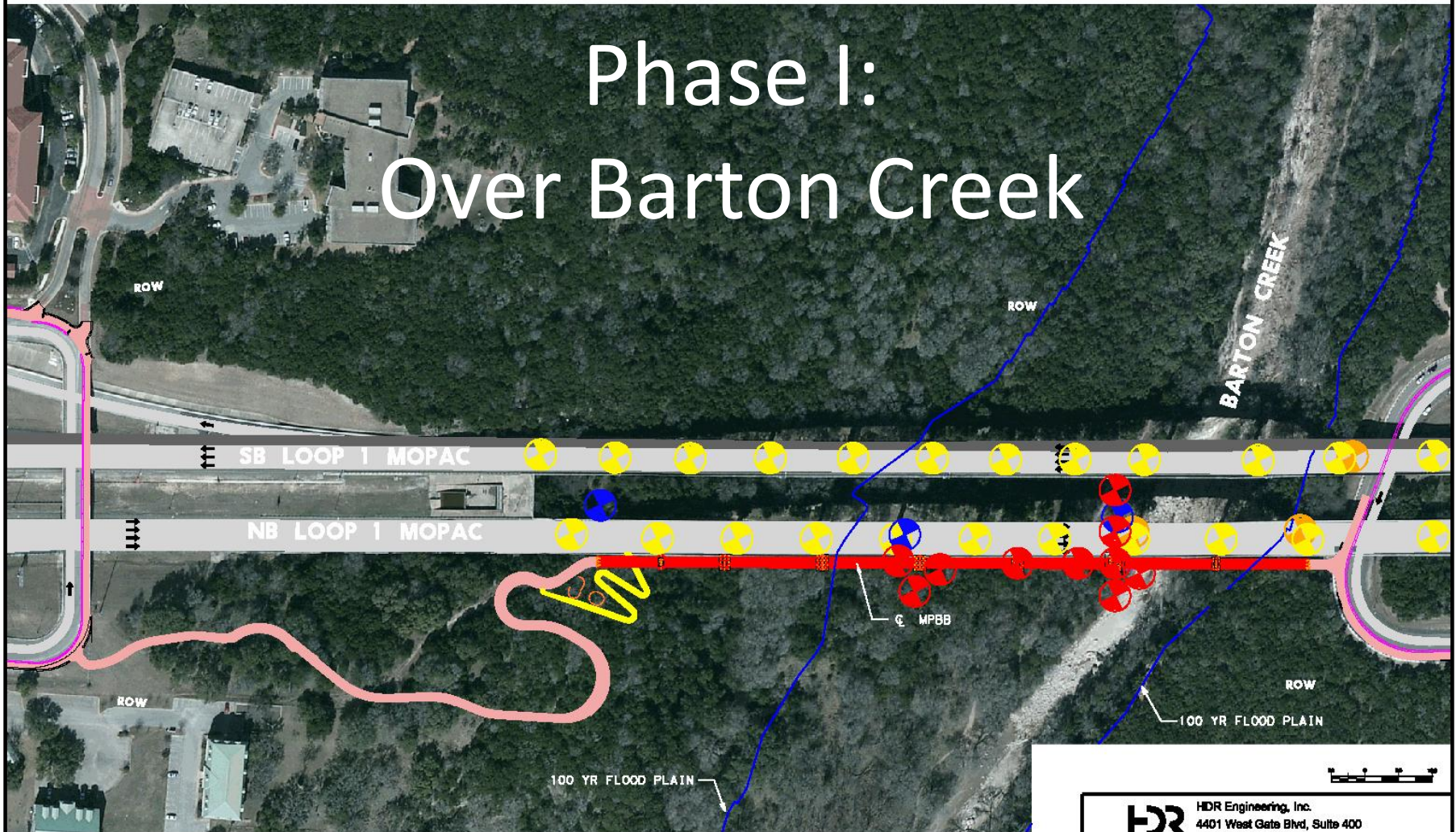
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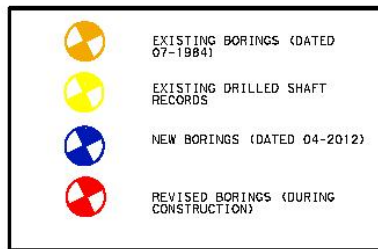
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**MOPAC BICYCLE AND
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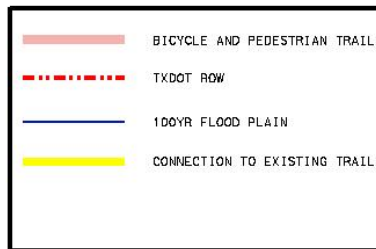
Phase I: Over Barton Creek



LEGEND



LEGEND



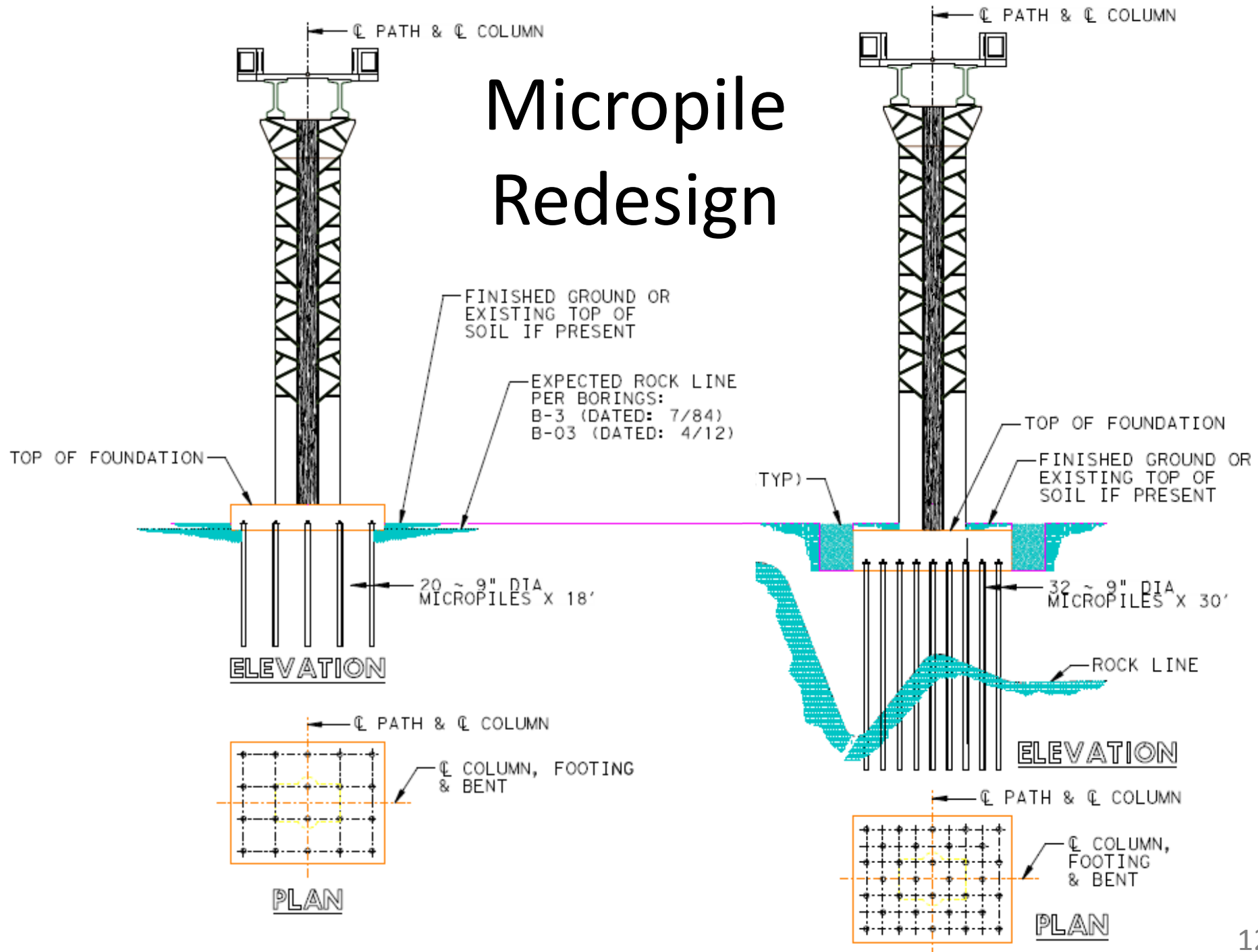
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**MOPAC BICYCLE AND
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PROJECT MAP**

Micropile Redesign



FINANCIAL SUMMARY (Update)

ITEM	PHASE 1 - Over Barton Creek
Original Authority (2012 Bond named project)	\$4,000,000
City of Austin Contribution to Construction	\$3,332,269
Remaining Authority	\$667,730
Change Order (Foundation Change)	\$983,097
Authority needed for this Change Order	\$315,367
Authority Requested to cover this change order and possible future change orders so that project can be completed	\$1,000,000*

*Funding is available from the 2012 Bond for funds allocated to Urban Trails. This is a request for an increase in authority.

If \$315,367 of additional authority is needed for this change order, why ask for an increase of \$1,000,000 in authority?

- The City and TxDOT have entered into a contractual obligation that the City will pay for agreed upon changes over the \$4,440,747 originally provided from TxDOT.
- City staff must approve all change orders. City Council approves additional authority. However, seeking Council approval takes time, which may delay construction and therefore increase project costs.
- Funding (provided from the Urban Trails Program) not used on this project will be reallocated for future Urban Trails projects.

Next Steps:

- The Public Works Department will request City Council to increase authority by \$1,000,000 for the Mopac Mobility Project over Barton Creek to cover this change order (due to unforeseen conditions) and any future change orders needed to complete the project.
- An RCA will be submitted for the next City Council meeting (5/7/15) so that City staff can approve this change order without additional project delay or increased project costs.